

STRUCTURALLY SEALED HEAT SINK

ABSTRACT OF THE DISCLOSURE

A structurally sealed heat sink is composed of a main body, at least one sealing
5 member, and at least one solder unit. The main body includes a chamber inside, a
capillary layer adhered to a peripheral surface of said chamber, and at least one opening
having a predetermined depth to define a peripheral wall of a predetermined height. The
sealing member that is identical to the opening in number includes an intersection
intersected with the opening for the predetermined depth, a solder ditch formed between
10 the sealing member and the main body, and an annular groove formed between the
peripheral wall and an outer periphery of the sealing member. The solder unit that is
identical to the opening in number is disposed inside the solder ditch.